Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 22578-005US1	Application No. 10/535,345
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))		Applicant Semple, et al.	
		Filing Date February 15, 2006	Group Art Unit 1626

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AB	WO06/069242A2	06/29/06	WIPO				
	AC	WO05044816A1	05/19/05	WIPO				
	AD	WO04103370A1	12/02/04	WIPO				
	AE	WO03078409A1	09/25/03	WIPO				
	AF	WO03062200A2	07/31/03	WIPO				
	AG	WO03022814A1	03/20/03	WIPO				
	AH	WO03002582A1	01/09/03	WIPO				
	AI	WO02094830A2	11/28/02	WIPO				
	AJ	WO0179169A2	10/25/01	WIPO				
	AK	WO0166520A1	09/13/01	WIPO				
	AL	WO98/28269	07/02/98	WIPO				
	AM	DE10148617A1	04/24/03	Germany				
	AN	EP1305286B1	12/08/04	Europe				
	AO	EP05298854A2	03/09/93	Europe				

Other Documents (include Author, Title, Date, and Place of Publication)

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	AP	Alterman, M. et al., "Fast microwave-assisted preparation of aryl and vinyl nitriles and the corresponding tetrazoles from organo-halides", J. Org. Chem. 65:7984-89 (2000)(supporting information attached)
	AQ	Cahn, R.S. et al., "Specification of molecular chirality", Angew. Chem. Internat. Edit. 5(4):385-415 (1966)
	AR	Carballo-Jane et al., "Comparison of rat and dog models of vasodilation and lipolysis for the calculation of a therapeutic index for GPR109A agonists," *Journal of Pharmacological and Toxicological Methods*, Article in Press, doi:10.1016/j.vascn.2007.05.007 (2007).
	AS	Carballo-Jane et al., "Comparison of rat and dog models of vasodilation and lipolysis for the calculation of a therapeutic index for GPR109A agonists," *Journal of Pharmacological and Toxicological Methods*, 56(3). pp. 308-316, (2007).

Examiner Signature	Date Considered

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	AT	Clayton, S. et al., "A total synthesis of (±)-epibatidine", Tetrahedron Letters 34(46):7493-6 (1993)
	BA	Cohen, T. et al., "Synthetically useful β-lithioalkoxides from reductive lithiation of epoxides by aromatic radical anions", J. Org. Chem. 55:1528-36 (1990)
	BB	Corsaro, A. et al., "Steric course of some cyclopropanation reactions of L-threo-hex-4-enopyranosides", Tetrahedron Letters 60:3787-95 (2004)
	BC	Effenberger, F. et al., "Regioselective halo- and carbodesilylation of (trimethylsilyl)-1-methylpyrazoles", J. Org. Chem. 49:4687-95 (1984)
	BD	Gharbaoui et al., "Agonist lead identification for the high affinity niacin receptor GPR109a ," *Bioorganic & Medicinal Chemistry Letters*, 17:4914-4919 (2007).
	BE	Hodgson, D. et al., "Intramolecular cyclopropanation of unsaturated terminal epoxides", J. Am. Chem. Soc. 126:8664-5 (2004)
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	BG	Jung et al., "Analogues of acifran: agonists of the high and low affinity niacin receptors, GPR109a and GPR109b," *Journal of Medicinal Chemistry*, 50:1445-1448 (2007).
	BH	Katritzky, A. et al., "Alpha-lithiation of N-alkyl groups in pyrazoles", Tetrahedron Letters 39:2023-9 (1983)
	BI	Latli, B. et al., "Novel and potent 6-chloro-3-pyridinyl ligands for the α4ß2 neuronal nicotinic acetylcholine receptor", J. Med. Chem. 42:2227-34 (1999)
	BJ	Latli, B. et al., "Supporting information for "Novel and potent 6-chloro-3-pyridinyl ligands for the α4ß2 neuronal nicotinic acetylcholine receptor", J. Med. Chem. pp. 2227(1999)
	BK	Maciejewski-Lenoir et al., "Langerhans cells release prostaglandin D_2 in response to nicotinic acid," *Journal of Investigative Dermatology*, 126:2637-2646 (2006).
	CA	Mahley, R. et al., "Drug therapy for hypercholesterolemia and dyslipidemia", Goodman & Gilman 36:971-1002
	CB	Mariano, P. et al., "Mechanistic aspcts of gas-phase photodecarbonylation reactions of bicycle[3.1.0]hexanones", J. Org. Chem. 45:1753-62 (1980)
	CC	Miller, R.D. et al., "Deoxygenation of sulfoxides promoted by electrophilic silicon reagents: preparation of aryl-substituted sulfonium salts", J. Org. Chem. 53:5571-3 (1988)
	CD	Movassaghi, M. et al., "A direct method for the conversion of terminal epoxides into γ-butanolides", J. Am. Chem. Soc. 124(11):2456-7 (2002)
	CE	Newman-Evans, R. et al., "The influence of intramolecular dynamics on branching ratios in thermal rearrangements", J. Org. Chem. 55:695-711 (1990)
	CF	Nishimura, J. et al., "A novel synthesis of methylcyclopropanes", Tetrahedron Letters 25:2647-59 (1969)
	CG	Olivo, H. et al., "Synthetic studies on the trans-Chlorocyclopropane dienyne side chain of Callipeltoside-A", Org. Lett. 2(25):4055-8 (2000)(supporting information attached)
	CH	Prelog, V. et al., "Basic principles of the CIP-system and proposals for a revision", Angew. Chem. Int. Ed. Engl. 21:567-83 (1982)
	CI	Richman et al., "Nicotinic acid receptor agonists differentially activate downstream effectors," *The Journal of Biological Chemistry*, 282:18028-18036, (2007).

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	CJ	Schaus, S. et al., "Highly selective hydrolytic kinetic resolution of terminal epoxides catalyzed by chiral (salen)cobalt(III)-complexes. Practical synthesis of enantioenriched terminal epoxides and 1,2-Diols", JACS 124:1307 (2002)(supporting information attached)
	CK	Semple et al., "Recent progress in the discovery of niacin receptor agonists," *Current Opinion in Drug Discovery & Development*, 10:452-459, (2007).
	CL	Semple et al., "1-Alkyl-benzotriazole-5-carboxylic acids are highly selective agonists of the human orphan G-protein-coupled receptor GPR109b," *Journal of Medicinal Chemistry* 49:1227-1230, (2006).
	CM	Semple, "Niacin receptor agonists," Presentation, American Chemical Society 233rd National Meeting & Exposition, March 25, 2007 – March 29, 2007, Chicago, Illinois
	CN	Semple, "Discovery of selective agonists for GPR109a and GPR109b, the high and low affinity receptors for niacin," Presentation, *GPCRs in Medicinal Chemistry*, jointly organized by the Society of Chemical Industry, Royal Society of Chemistry and the Societa Chimica Italiana, September 18, 2006 – September 20, 2006, Verona, Italy
	CO	Skinner et al, "Fluorinated pyrazole acids are agonists of the high affinity niacin receptor GPR109a," Poster, 30th National Medicinal Chemistry Symposium, June 25, 2006 – June 29, 2006, Seattle, WA
	CP	Smith, A. et al, "Total synthesis of the neotropical poison-frog alkaloid (-)-205B, Org. Lett. 7(15):3247-50 (2005)(supporting information attached)
	CQ	Taber, D. et al., "Synthesis of the eight enantiomerically pure diastereomers of the 12-F2-Isoprostanes", J. Am. Chem. Soc. 124:13121-6 (2002)(supporting information attached)
	CR	Taggart et al., "(D)-ß-Hydroxybutyrate inhibits adipocyte lipolysis via the nicotinic acid receptor PUMA-G," *The Journal of Biological Chemistry*, 280:26649-26652, (2005).
	CS	Turner, S. et al., "Enantiospecific synthesis of annulated nicotine analogues from D- and L-glutamic acid Pyridotropanes", J. Org. Chem. 65:861-70 (2000)
	DA	Yagi, H. et al., "Removal of benzyl-type protecting groups frompeptides by catalytic transfer hydrogenation with formic acid", J. Org. Chem. 44(19):3442-4 (1979)
	DB	Zhang, R. et al., "Cyclopropanation reactions of pyroglutamic acid-derived synthons with akylidene transfer reagents", J. Org. Chem. 64:547-55 (1999)(supporting information attached)

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